Please type a plus sign (+) inside this box

05-12-0)

DN 1637

TO/SB/21 (08-00)

Approval for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

	Application Number	09/398,253			
OIP TRANSMITTAL	Filing Date	09/17/99			
L FORM	First Named Inventor	Nehls			
MAY 1 1 2000 25 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Group Art Unit	1637			
to be user or all correspondence after initial filing)	Examiner Name	Y. Kim			
Total Number of Pages in This Submission 14	Attorney Docket Num	ber LEX-0669-USA (formerly 8535- 026-999)			
ENCLOS	JRES (check all that ap	poly)			
Assign	nent Papers	After Allowance Communication to Group			
[(lorali	Application)	Appeal Communication to Board			
		of Appeals and Interferences Appeal Communication to Group			
Amendment / Reply Licens	ng-related Papers	(Appeal Notice, Brief, Reply Brief)			
After Final Petition		Proprietary Information			
	n to Convert to a onal Application	Status Letter			
Extension of Time Request Power Change	of Attorney, Revocation e of Correspondence Address	Other Enclosure(s) (please identify below):			
Express Abandonment Request Termin	nal Disclaimer	return postcard Certificate under 37 CFR 3.73(b)			
Information Disclosure Statement Reque	est for Refund	Copy of recorded assignment			
Certified Copy of Priority Document(s) CD, N	umber of CD(s)				
Response to Missing Parts/ Remarks					
Incomplete Application Response to Missing	Cus	tomer # 24231			
Parts under 37 CFR 1.52 or 1.53					
SIGNATURE OF	APPLICANT, ATTORNEY	, OR AGENT			
Firm or Lance K. Ishimoto Reg. N Individual name Lexicon Genetics Incorporate	or Lance K. Ishimoto Reg. No. 41,866				
Signature You K dow hy flet	Ef s Rey do 406	z Poler G Selericis			
Date May 11, 2005	· .				
CERTIFICATE OF MAILING					
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as express mail # EV220679928US mail in an envelope addressed to: Commissioner for Patents, P.O. Box May 11, 2005 2327, Arlington, VA 22202 on this date:					
Typed or printed name Nancy Stacey					
Signature Star		Date May 11, 2005			

Approved for use through 10/31/2002. OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

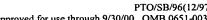
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control

AAY	, ,	RI	EVO	CATI	ON C)F	
P	A	ME	R OF	ATT	ORN	IEY	OR
ΛÌ	IT	HÀ	DI7A	TION	J OF	ΔG	ENT

Application Number	09/398,253
Filing Date	09/17/99
First Named Inventor	Nehls
Title	Novel Human Polynucleotides and the Polypeptides Encoded Thereby
Group Art Unit	1637
Examiner Name	Y. Kim
Attorney Docket Number	LEX-0669-USA (formerly 8535-026- 999)

	oke all previous above-identified	powers of attorney or application:	authorization of agent	·		
hereby ap	point:			,		
X Pr	actitioners at Cu	ustomer Number	24231		Place Customer Number Bar Code	
OR Pr	r actitioner(s) nar	med below:			Label here	
	1	Name	Re	gistration Nu	mber	
	<u></u>			·		
 						
-						
as my/	our attorney(s)	or agent(s) to prosecut	e the application ident	tified above,	and to transact all	
busine	ess in the United	States Patent and Tra	ademark Office conne	cted therewit	in	
Please cha	ange the corres	pondence address for	the above-identified a	pplication to:		
		ned Customer Number				
OR		_	 ¬	─	Place Customer Number Bar code	
	ctitioners at Cus	stomer Number		,	Label here	
OR						_
Firm Indiv	n <i>or</i> vidual Name					
Address						_
Address					T 7in	
City				State	Zip	
Country	,			T- T		
Telephone				Fax		
	the:					
	olicant/Inventor.					
X Ass	signee of record	of the entire interest.	See 37 CFR 3.71.			
Stat	tement under 37	CFR 3.73(b) is enclos	ed. (Form PTO/SB/9	6).		
		SIGNATURE of	Applicant or Assigne	e of Record		
Name		Lance K. Ishimo	oto 1 aca			
Signature		Youk And			1040162	
Date		May 11, 2005	1	· - /		
NOTE: Sig	natures of all the in	ventors or assignees of re- signature is required, see t	cord of the entire interest opelow*.	or their represe	ntative(s) are required. Submit	
	otal of 1			-		
``						

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents. Washington, DC 20231.



PTO/SB/96(12/97)

Approved for use through 9/30/00. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

CERTIFICATE UNDER 37 CFR 3.73(b)

2.00	
Applica	nt: Nehls et al.
Applicat	tion No <u>09/398,253</u> Filed: <u>09/17/99</u>
Entitled:	: Novel Human Polynucleotides and the Polypeptides Encoded Thereby
	Genetics Incorporated, a Corporation Name of Assignee) Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)
certifies	that it is:
1. 🗵	the assignee of the entire right, title, and interest; or
2. 🔲	an assignee of an undivided part interest
in the pa	atent application identified above by virtue of either:
А. 🗵	An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 010554, Frame 0782.
OR	
В. 🔲	A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:
	1. From: To: The document was recorded in the Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.
	 From: To: The document was recorded in the Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.
	Additional documents in the chain of title are listed on a supplemental sheet.
X	Copies of assignments or other documents in the chain of title are attached.
The und	ersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.
	May 11, 2005 Date May 11, 2005 Signature May 11, 2005 Signature
	Lance K. Ishimoto, Reg. No. 41,866 Typed or printed name
	Sr. Vice President Title

Customer Number 24231

APRIL 24, 2000 PENNIE & EDMONDS LAURA A. CORUZZI 1155 AVENUE OF THE AMERICAS NEW YORK, NY 10036



PTAS

UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231



REFERRED TO RIVERA AGRENAL

MAY 0 1 2000

Pennie & Edmonds O.K. for filing _

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/09/2000

REEL/FRAME: 010554/0782

NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

NEHLS, MICHAEL ~

DOC DATE: 12/16/1999

ASSIGNOR:

ZAMBROWICZ, BRIANY

DOC DATE: 11/10/1999

ASSIGNOR:

SANDS, ARTHUR T.

DOC DATE: 11/10/1999

ASSIGNEE:

LEXICON GENETICS INCORPORATED 4000 RESEARCH FOREST DRIVE THE WOODLANDS, TEXAS 77381

SERIAL NUMBER: 09398253

PATENT NUMBER:

FILING DATE: 09/17/1999 \

ISSUE DATE:

RECEIVED PENNIE & EDMONDS

MAY 0 2 2000

PAULA MCCRAY, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

OIPE OIPE	Express Mail No. <u>EL 236 252 911 US</u>			
MAY 1 1 2005 FEB 0 9 2000 5 101 27	Attorney Docket Number 8535-026-999			
2-9-3000 Washington	signment , DC 20231			
Please record the attached orig				
Name of conveying party(ies):	2. Name and address of receiving party(ies):			
Michael Nehls, Brian Zambrowicz, and Arthur T. Sands	Name: <u>Lexicon Genetics Incorporated</u> Address: 4000 Research Forest Drive			
Additional name(s) of conveying party(ies) attached? ☐ Yes 🛮 №	The Woodlands, TX 77381			
3. Nature of conveyance:	Country (if other than USA):			
- Assignment □ Merger				
□ Security Agreement □ Change of Name				
Other	·			
Execution Date: December 16, 1999, November 10, 1999 and November 10, 1999, respectively				
4. Application number(s) or patent number(s):				
If this document is being filed together with a new application, the execution	n date of the application is:			
A. Patent Application No.(s) <u>09/398,253</u>	B. Patent No.(s)			
Additional numbers at	ttached? □ Yes ⊠ No			
Name and address of party to whom correspondence concerning document should be mailed:	Number of applications and patents involved: _1			
PENNIE & EDMONDS LLP 1155 Avenue of the Americas New York, NY 10036	7. Total fee (37 CFR 3.41):			
	8. Deposit account number: 16-1150			
DO NOT USE THIS SPACE				
9. Statement and signature.				
is a true copy of the original document.	g information is true and correct and any attached copy lz: Atuly Grand 12 10, 10, 10, 10			
Laura A. Coruzzi 30,742	February 9, 2000			
Name of Person Signing Reg. No. Signature	Date			

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignment

Washington, D.C. 20231

Total number of pages including cover sheet:

02/16/2000 CVORACHA 00000093 161150 09398253

02 FC:581

40.00 CH

5

ASSIGNMENT

WHEREAS, WE, Michael Nehls, residing at 178 S. Cochran's Green Cir., The Woodlands, Texas 77381, citizen of Germany, Brian Zambrowicz, residing at 18 Firethorne Place, The Woodlands, Texas 77382, citizen of the United States, and Arthur T. Sands, residing at 163 Bristol Bend Circle, The Woodlands, Texas 77382, citizen of the United States ASSIGNORS, are the inventors of the invention in for which we have executed an application for a Patent of the United States
which is executed on even date herewith or
which is identified by Pennie & Edmonds LLP docket no. 8535-026-99 which was filed on September 17, 1999, Application No. 09/398,253
and WHEREAS, Lexicon Genetics Incorporated, 4000 Research Forest Dr., The Woodlands, Texas 77381, ASSIGNEE is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:
NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said values application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;
AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.
AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.
AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawfu papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.
IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.
258.
Date 12/16 , 1999 Michael Nehls L.S
State of Bounda)
County of Iturid SS.:
On this 16 day of 1900, before me, a Notary Public in and for the State and County aforesaid personally appeared Michael Nehls, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.
1 Plan
Notary Public

٤

Date Novembre 10, 1999 Brian Zambrowicz L.S.
State of)) SS.:
County of)
On this 10 day of November, 1999, before me, a Notary Public in and for the State and County aforesaid, personally appeared Brian Zambrowicz, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.
the Madelano
Notary Public.
JEAN MAGDALENO NOTARY PUBLIC State of Texas Comm. Exp. 08-05-2002
Date Nov. 10, 1999, 1999 William T - Sands L.S.
State of) SS.:
On this
Notary Public.

ν

I hereby certify that the above is the true signature, subscribed in my presence of:

Mr. Dr. Michael N e h l s, born 10-20-1962, resident in Paul-Keller-Straße 6, 82131 Stockdorf, identified by identity card,

As stated, the notary or his deputy didn't act on behalf of the undersigned out of the limits of his official capacity.

Munich, this sixteenth of December nineteenhundredninety-nine

Dr. Vossius, Notary

APOSTILLE

(Convention de La Haye du 5 octobre 1961)

1. Land: Bunderrep	ublik Deutschlar	10.			
Diese öffentliche	Urkunde	Dr. Vos	ssius		ļ
2. ist unterschriehe	n von				
					1
3. in seiner Eigens	schaft als	Nota	G	•	
0. 22 002					
			www Nota	rs .	
4. sie ist verseher	n mit dem XXXXX	W/Siegel des	(det) a Masses		
Dr. Oliv	er Vossius	in Münche	n		
					İ
	1	Bestätigt	20.	Dezember 1	999
	1	Bestätigt	20.	Dezember 1	999
5. in	München	Bestätigt 6. am n des Land	20.	Dezember 1 München I	999
5. tn die	München Präsidenti	Bestätigt 6. am n des Lanc	20. Agerichtes	München I	999
5. tn die	München Präsidenti	Bestätigt 6. am n des Lanc	20. Agerichtes	München I	999
5. in	München Präsidenti 910 a	Bestätigt 6. am n des Lanc	20. Gerichtes	München I	999
5. tn die	München Präsidenti 910 a	Bestätigt 6. am n des Lanc	20. Gerichtes	München I	999
5. in	München Präsidenti 910 a	Bestätigt 6. am n des Lanc	20. Gerichtes	München I	:
5. in	München Präsidenti 910 a	Bestätigt 6. am n des Lanc	20. Gerichtes	München I	:
5. in	München Präsidenti 910 a	Bestätigt 6. am n des Lanc	20. Gerichtes	München I	:
5. in	München Präsidenti 910 a	Bestätigt 6. am n des Lanc	20. Gerichtes	München I	:

	MAIC		
(z FEB	0 g 2000 CG	•	
THO IN	OFMARK OFFICE		
Date	Brian Zambrowicz	an	L.S.
State of) SS.:			
County of)			
On this 10 day of November personally appeared Brian Zambrowicz, to the foregoing instrument, and he acknowled	me known and known to me to be t	Iblic in and for the State and County afor the person of that name, who signed and d deed.	resaid, sealed
		Notary F	Public.
JEAN MAGDALENO NOTARY PUBLIC State of Texas Comm. Exp. 05-05-2002			
Date Nov. 10, 1299, 1999	Arthur T. Sands	Sand	L.S.
State of)) SS.:			
County of)			
On this <u>M</u> day of <u>November</u> personally appeared <u>Arthur T. Sands</u> , to me foregoing instrument, and he acknowledge	known and known to me to be the	ublic in and for the State and County afor person of that name, who signed and sea eed.	resaid, iled the
	John Ma	Notary I	Public
•	() '	v	

ASSIGNMENT

WHEREAS, WE, Michael Nehls, residing at 178 S. Cochran's Green Cir., The Woodlands, Texas 77381, citizen of Germany, Brian Zambrowicz, residing at 18 Firethorne Place, The Woodlands, Texas 77382, citizen of the United States, and Arthur T. Sands, residing at 163 Bristol Bend Circle, The Woodlands, Texas 77382, citizen of the United States ASSIGNORS, are the inventors of the invention in for which we have executed an application for a Patent of the United States
which is executed on even date herewith or
which is identified by Pennie & Edmonds LLP docket no. 8535-026-99 which was filed on September 17, 1999, Application No. 09/398,253
and WHEREAS, Lexicon Genetics Incorporated, 4000 Research Forest Dr., The Woodlands, Texas 77381, ASSIGNEE is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:
NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said united States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;
AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.
AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.
AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.
IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.
4258.
Date 16 , 1999 L.S.
State of Bounta)
County of Utund SS.:
On this 16 day of 1999, before me, a Notary Public in and for the State and County aforesaid, personally appeared Michael Nehls, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.
Notary Public.

V

I hereby certify that the above is the true signature, subscribed in my presence of:

Mr. Dr. Michael Nehls, born 10-20-1962, resident in Paul-Keller-Straße 6, 82131 Stockdorf, identified by identity card,

As stated, the notary or his deputy didn't act on behalf of the undersigned out of the limits of his official capacity.

Munich, this sixteenth of December nineteenhundredninety-nine

Dr. Vossius, Notary

188888448889

APOSTILLE (Convention de La Haye du 5 octobre 1961)

1. Land: Bunderrepul	blik Deutschl	and		1
Diese öffentliche !		Dr. Vossius	5	İ
2. ist unterschriehen				. .
		Notar		•
A olo ist versehen I	nit dem XSK&KK	新人Siegel des (Notars	
5. in	München		20. Dezembe	
		n des Landgeri		1
8. unter Nr.	910 a	•••••		
Q. C. XXXXXSiegel		. 10 Unterschrift.		;
			in '	Vertretung.
		· ,	Pa	hu (000
3 1165			P	eter Selk